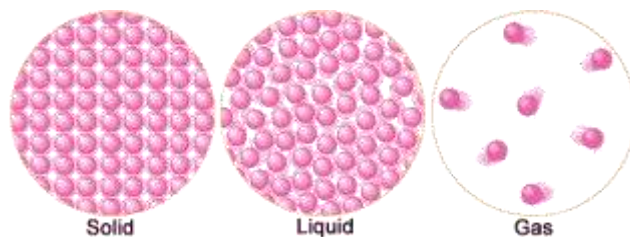


Science

These are solid, liquid and gas particles.



Use the words in the box to complete the sentences below.

close tiny no slide directions pattern
particles vibrate particles tightly pattern

1. Solids, liquids and gases are all made up of _____ particles.
2. In a solid the _____ are held very _____ together to form a regular _____ and they can only _____.
3. In liquids the particles are _____ together, but they can _____ past each other and they have _____ regular _____.
4. In gases, the _____ are free to move in all _____ at a very high speed.

Some materials can 'change state'.

Explain the meaning of melting:

Explain the meaning of dissolving:

Can you think of examples at home where you've observed materials melting and dissolving?

Melting	Dissolving

Revision

For each sentence decide whether it refers to a solid, liquid or gas.

My particles can move freely and randomly.	
I have a fixed shape.	
If I am heated to my boiling point I will evaporate.	
My particles can spread out to fill whatever space they are in.	
My particles are held tightly together.	